

Regional Partnerships in Terrestrial Carbon Sequestration

A “Hands-On” Workshop for the Appalachian Coal and Electric Utilities Industries

November 6-7, 2001

Radisson Plaza-Hotel
369 West Vine Street
Lexington, Kentucky

TUESDAY, November 6

7:45 a.m. *Registration & Continental Breakfast*

Welcome, Introductions and Workshop Overview

8:30 a.m. **Welcome and Introductions** – Sarah Forbes, NETL

Workshop Overview and Objectives – Blaine Metting, PNNL

8:45 a.m. **Local Welcome and Introductory Presentation** – Don Graves, University of Kentucky
“Reclamation of Degraded Lands with Reforestation in Appalachia”

9:00 a.m. **Overview of DOE’s CSiTE Program** – Blaine Metting, PNNL

9:10 a.m. **Overview of DOE’s Carbon Sequestration Program** – Charles Schmidt, NETL

Total Ecosystem Approach to Terrestrial Carbon Sequestration

Much current discussion, research and application of terrestrial carbon sequestration tends to focus narrowly on wood production or soil storage.

It is important that a broader approach be taken that considers whole ecosystems and complete carbon accounting.

9:20 a.m. **1. Forest Management and Carbon Sequestration** – Richard Birdsey, USDA Forest Service

9:50 a.m. **2. Soil Amendments and Carbon Sequestration** – Anthony Palumbo, ORNL

10:20 a.m. *Break*

10:30 a.m. **3. Utility Industry Experience with Carbon Sequestration Projects** – Gary Kaster, AEP

11:00 a.m. **4. Coal Industry Perspective** – John Tate, EnviroPower

11:30 a.m. **5. Carbon Sequestration and Conservation: A Non-Governmental Organization Perspective** – Bill Stanley, The Nature Conservancy

12:00 p.m. *Lunch (provided)*



Sponsored by:
**U.S. Department of Energy,
National Energy Technology Laboratory (NETL)**
with
**The DOE Consortium for Research on Enhancing
Carbon Sequestration in Terrestrial Ecosystems (CSiTE)**



1:00 p.m.

Breakout Sessions

The breakout sessions will be organized around discussion of a specific set of topics. Each group will have a coordinator and a scribe. Workshop participants will be given the opportunity to participate in the group of their choice while attempting to achieve a balance among industry, academic and government viewpoints. After the break, participants are encouraged to choose a second breakout discussion topic for the remainder of the afternoon.

Coordinators will stimulate discussion by posing a set of questions. Results of the sessions will be reported the following morning to the entire group. Results will form the principal content of a Summary Workshop Proceedings.

A. Creating Incentives: Industry, Landowner and Government Partnerships – Coordinator: Gary Jacobs, ORNL

- What frameworks would encourage terrestrial sequestration?
- What are the principal issues faced by landowners and industry? How can these be resolved?
- How can we work together to make practices that encourage terrestrial sequestration happen?

B. Reclamation Practices and Procedures for Carbon Sequestration – Coordinator: Jim Burger, Virginia Tech

- How can current reclamation practices be modified to enhance carbon storage and other collateral benefits?
- What are the economic impediments to carbon sequestration in mined lands?
- What changes could make these alternatives more economically attractive?

C. The Long Run: Long-term Implications of Carbon Management Practices – Coordinator: Keith Paustian, Colorado State University

- What are the long and short term implications of different reclamation practices?
- What are the trade-offs to managing mined land for carbon sequestration? Is it worth it?
- Permanence, Leakage, Biodiversity and Other Benefits: What About the Bigger Picture?

2:45 p.m.

Break

3:00 p.m.

Breakout Groups (continued)

4:45 p.m.

Poster Session with No-host Bar.

WEDNESDAY, November 7

7:45 a.m.

Continental Breakfast

8:15 a.m.

How to Design and Implement Carbon Measuring and Monitoring Activities for LUCF Projects –
Sandra Brown, Winrock International

8:45 a.m.

Breakout Group Reports & Discussion

A. Creating Incentives: Industry, Landowner and Government Partnerships

B. Reclamation Practices and Procedures for Carbon Sequestration

C. The Long Run: Long-term Implications of Carbon Management Practices

9:45 a.m.

Break

10:00 a.m.

Panel Discussion

11:30 a.m.

Adjourn

